

DERWENT-ACC-NO: 1984-142436
DERWENT-WEEK: 198423
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TITLE: Stator block for coreless motor mfr. - by attaching
semicircular pair
of magnets to bottom of cylindrical yoke, and moulding magnets
with yoke
NoAbstract Dwg 3,4/4

PATENT-ASSIGNEE: MATSUSHITA ELECTRIC WORKS LTD[MATW]

PRIORITY-DATA: 1983JP-0166175 (October 18, 1982)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	
PAGES	MAIN-IPC		
JP 59072972 A	April 25, 1984	N/A	006
N/A			

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP59072972A	N/A	1983JP-0166175
October 18, 1982		

INT-CL (IPC): H02K023/58

ABSTRACTED-PUB-NO:

EQUIVALENT-ABSTRACTS:

TITLE-TERMS:

STATOR BLOCK CORE MOTOR MANUFACTURE ATTACH SEMICIRCULAR PAIR
MAGNET 072972A
BOTTOM CYLINDER YOKE MOULD MAGNET YOKE NOABSTRACT

DERWENT-CLASS: V06 X11

DERWENT-ACC-NO: 1990-136987
DERWENT-WEEK: 199018
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TITLE: Injection moulding plastics magnet - has ring gate which
is kept closed
until runner is filled with resin

PATENT-ASSIGNEE: SHIN KOBE ELECTRIC MACHINERY[KOBE]

PRIORITY-DATA: 1988JP-0238267 (September 22, 1988)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
JP 02086418 A	March 27, 1990	N/A
N/A		000

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP02086418A	N/A	1988JP-0238267
September 22, 1988		

INT-CL_(IPC): B29C045/14; B29K105/22 ; B29L031/08

ABSTRACTED-PUB-NO: JP02086418A

BASIC-ABSTRACT: In injection moulding plastics magnet around the
periphery of a
motor yoke set in a mould as an insert a ring-shape runner is
arranged on the
outside of the moulding cavity. A ring-shape runner is connected
to the
moulding cavity through a ring gate over the periphery. Until
the ring-shape
runner is filled with resin, the ring gate is kept closed, and,
after
completion of introducing resin in the ring-shape runner, the
ring gate is
opened to allow the resin to flow in the moulding cavity.

USE/ADVANTAGE - Used to mould plastic magnet having magnetic
powder filled in
plastics by injection moulding, e.g. rotor for VTR capstan motor.
Occurrence
of weld line which may cause turbulence in magnetic waveform can
be prevented.

CHOSEN-DRAWING: Dwg.0/2

CLIPPEDIMAGE= EP000168743A2
PUB-NO: EP000168743A2
DOCUMENT-IDENTIFIER: EP 168743 A2
TITLE: Stator for d.c. micromotors.

PUBN-DATE: January 22, 1986

INVENTOR-INFORMATION:

NAME

TREBITZ, BERND DR

TEWES, BERND

KLAUHN, MANFRED

COUNTRY

N/A

N/A

N/A

ASSIGNEE-INFORMATION:

NAME

BRAUN AG

COUNTRY

DE

APPL-NO: EP85108430

APPL-DATE: July 8, 1985

PRIORITY-DATA: DE03426126A (July 16, 1984)

INT-CL (IPC): H02K005/08

EUR-CL (EPC): H02K005/15; H02K023/04

US-CL-CURRENT: 310/254

ABSTRACT:

1. Stator (29) for direct current micromotors having a tubular or cup-shaped yoke (40) and with an annular or ring-segmental plastic magnet (41) injection

moulded or pressed onto the inside of the yoke (40), characterized in that the

plastic magnet (41) has in the vicinity of at least one end face recesses (45)

uniformly distributed over the inner circumference and into which can be fitted

bearing brackets (27, 28).

TITLE-TERMS:

INJECTION MOULD PLASTICS MAGNET RING GATE KEEP CLOSE RUNNER
FILLED RESIN

DERWENT-CLASS: A32 A89

CPI-CODES: A11-B; A11-B12A; A11-B12B; A12-E08; A12-E08B;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0229 0231 3233 3231 3232 3241 2545 2661 3281

Multipunch Codes: 014 03- 04- 371 377 456 461 476 50& 54& 55& 56&
57& 575 597

602 623 627 694

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1990-060303